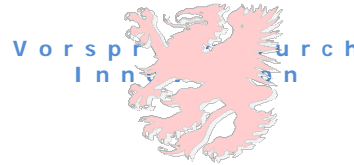


# FREDERICK J SCHEFFLER

## MEMORANDUM

TO: Kira Lynch  
REGION 10 EPA



Date: Tuesday, March 29, 2016

Subject: Results of Bench Test of Samples From Wyckoff Superfund Site

CC

I have included a copy of the bench test that is currently being performed on the samples provided from the WYCKOFF site. For reference I have also enclosed the proposal that was sent to the WA Department of Ecology in 2009 which explains our approach and the relevancy of the test results.

Our approach has been to target all of the constituents for removal and recovery. We would *"clean the soil"*. I have been told that is not possible because of the makeup of the plume. I believe that we can break up the constituents of the plume and recover them for further processing leaving the soil contaminant free.

The intermediate results from the bench testing indicate the validity of our process to break up the carbons that are bound by organic acids. The content of the sample, when initially, analyzed does not accurately identify all of the constituents. Only after the enzymes have begun their work are all of the constituents accurately inventoried supporting the contention that we can break up the materials identified in the results. As the process progresses the enzymes will degrade them. However, this was not our intended end as pertains to the Wyckoff site. We believe that the integrity of plume can be compromised and the constituents recovered and removed.

If applied to the site in the manner we proposed, when this is accomplished they can be accumulated in the exit stream and recovered for distal processing. All of the infrastructure is in place and can be augmented. The process could be expedited by electro vectoring, but that is another aspect and I do not want to divert discussion from the basic premise.

The test results are from a 13 day point and we will be getting periodic results out to a 45 day mark. I believe that we will be able to demonstrate that we can, just as I proposed in 2009, break up the contaminant plume which has been deemed to be monolithic and impregnable, recover it and degrade / process it distal to the site. The end result being a 100% clean site, in essence we would have **"rendered the dirt CLEAN"**.

**I will provide the results to you as they become available.**

Attached is a brief summary of our RETROCYCLING. We have a pilot plant which is in operation. We recently demonstrated the ability to convert various carbon feedstocks to a highway fuel. One of the

Sie können laufen, aber Sie können sich nicht verstecken

## FREDERICK J SCHEFFLER

feedstocks was plastic carpets. An earlier run converted multiple COAL constituents to fuel. All of this is accomplished without emissions or waste generation.

Sie können laufen, aber Sie können sich nicht verstecken